



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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IN REPLY PLEASE

REFER TO FILE: **C-1**

September 28, 2004

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Dear Supervisors:

**CHANGES IN WORK FOR PUBLIC WORKS CONTRACTS
SUPERVISORIAL DISTRICTS 1, 2, 4, AND 5
3 VOTES**

IT IS RECOMMENDED THAT YOUR BOARD:

Find that the requested changes in work have no significant effect on the environment and approve the changes for the following construction contracts:

Project ID No. FCC0000084 - Pacoima Dam Facilities Improvement, vicinity of Sylmar (5), Ladd and Associates, in amount of \$1,210,086.00.

Project ID No. FCC0000522 - Palos Verdes-Walteria Drain, Cities of Torrance and Palos Verdes Estates (4), Invanko, in amount of \$168,183.00.

Project ID No. FCC0000627 - Santa Fe Reservoir Spreading Grounds Horse Trail Modifications, Cities of Irwindale and Duarte (1 and 5), 4-Con Engineering, Inc., in amount of \$31,875.54.

Project ID No. FCC0000783 - Dominguez Gap Barrier Project, Phase 4A, Unit 7B, Part 2B, Cities of Carson, Long Beach, and Los Angeles (2 and 4), Mladen Buntich Construction Co., Inc., in amount of \$135,486.35.

Project ID No. WRD0000008 - Big Dalton Dam and Reservoir Debris Removal, vicinity of Glendora (5), Clarke Contracting Corporation, Inc., in amount of \$925,000.00.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

This action is to obtain Board approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and necessary time extensions are listed in the enclosure for each contract.

The Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your authorization are changes in work in excess of my delegated limits which are required to complete Project ID Nos. FCC0000084, FCC0000522, FCC0000627, FCC0000783, and WRD0000008.

Implementation of Strategic Plan Goals

Approval of these changes in work, which are necessary to satisfactorily complete the projects, is consistent with the County Strategic Plan Goal of Service Excellence since the improved infrastructure will better serve the public.

FISCAL IMPACT/FINANCING

The estimated change order amounts for these contracts range from \$31,875.54 to \$1,210,086.00.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

Sufficient funds are available in the Board-approved appropriations for each of the respective projects to cover the costs of the requested changes. Detailed cost breakdowns for each of the changes, together with contract cost summaries, are included in the enclosures.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

Each of the subject contracts for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Director of Public Works.

ENVIRONMENTAL DOCUMENTATION

The changes in work as described above and in the enclosures are within the limits of the Board-approved projects and do not change any conditions which resulted in the original environmental findings.

CONTRACTING PROCESS

Each contract provides that the contractor be compensated for changes in the work as a result of changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs of each of the changes are based on contract unit prices, time and materials methods, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosures.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

The Honorable Board of Supervisors
September 28, 2004
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CONCLUSION

Please return one approved copy of this letter to Public Works.

Respectfully submitted,

DONALD L. WOLFE
Interim Director of Public Works

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cc: Chief Administrative Office
County Counsel
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)
September 28, 2004

PROJECT ID NO. FCC0000084, PACOIMA DAM FACILITIES IMPROVEMENT
(in the vicinity of Sylmar), Supervisorial District 5, Contractor: Ladd and Associates

Project Description:

Facilities improvement.

Changes in Work:

(1) Office Expense	\$ 317,809.00
(2) Maintenance of Worksite	6,732.00
(3) Aerial Tramway Maintenance	127,997.00
(4) Equipment	308,138.00
(5) Labor Wage Increase	<u>449,410.00</u>
Total	<u>\$1,210,086.00</u>

Description of Changes:

(1 through 5) Changed conditions encountered during construction delayed the completion of this project. The most significant item that contributed to this delay was the required redesign of the spillway's vertical and horizontal alignment. To meet existing field conditions, it was also necessary to modify the utility corridor work items. Other delays were incurred when we limited the contractors working hours due to numerous concerns by local residents about noise.

It will be necessary to compensate the contractor for costs associated with these delays. The costs include extended field office expense, maintaining the worksite to avoid discharging contaminated water, extended maintenance of the aerial tramway used to provide access to the top of the dam, added equipment rental costs, and labor wage increases. The costs for these changes were negotiated as provided in Subsection 3-2 of the contract specifications.

The contractor will be granted an additional 200 working days to offset these delays.

Revised Contract Amount:

Original contract amount	\$10,317,015.00
Changes in work previously approved by the Board	1,584,803.08
Changes in work to be authorized	<u>1,210,086.00</u>
Revised contract amount	<u>\$13,111,904.08</u>

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CHANGE IN WORK (AUTHORIZE)
September 28, 2004

PROJECT ID NO. FCC0000522, PALOS VERDES-WALTERIA DRAIN
(Cities of Torrance and Palos Verdes Estates), Supervisorial District 4,
Contractor: Invanko

Project Description:

Construction of a reinforced concrete pipe storm drain system and other appurtenant work.

Changes in Work:

(1) Additional Corrugated Steel Pipe	\$ 700.00
(2) 18" Concrete Collar	1,000.00
(3) Resurface Newton Street	161,983.00
(4) Junction and Transition Structures	(100.00)
(5) Additional Catch Basin, Junction Structure, and Concrete Collar	5,200.00
(6) 84" Concrete Collar in Lieu of Manhole	<u>(600.00)</u>
Total	<u>\$168,183.00</u>

Description of Changes:

(1) The plans call for an 8-foot long corrugated steel pipe to be installed between an existing storm drain and the proposed storm drain. Actual field conditions reveal that it will be necessary to add an additional 2 feet of pipe to make the connection.

(2) To avoid an interfering sewer line with the connector pipes at two locations, it will be necessary to construct two 18" concrete collars at these locations.

(3) The City of Torrance requested that improvements be made to the pavement on Newton Street. The existing street has pavement failure and needs to be replaced. The additional cost of these improvements will be borne by the City.

(4) To meet existing field conditions, it will be necessary to replace a transition structure with two junction structures on 238th Street west of Ocean Avenue.

(5) To improve drainage on Bridal Trail east of Via Ardilla, it will be necessary to build an additional catch basin, junction structure, and concrete collar. This work is not shown on the plans.

(6) On 238th Street east of Anza Avenue, a number of utilities were encountered that were not shown on the plans. To circumvent these utilities, it will be necessary to cast in place an 84" concrete collar in lieu of constructing a new manhole to make the connection. This will result in a credit to the contract in the amount shown.

The costs for Items 1, 2, 4, 5, and a portion of the cost for Item 6 will be based on contract unit prices. The balance of the cost for Item 6 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The cost for Item 3 was negotiated as provided in Subsection 3-2 of the contract specifications.

Five additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$4,375,273.00
Changes in work previously approved by the Board	149,500.00
Changes in work to be authorized	<u>168,183.00</u>
Revised contract amount	<u>\$4,692,956.00</u>

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CHANGE IN WORK (AUTHORIZE)
September 28, 2004

PROJECT ID NO. FCC0000627, SANTA FE RESERVOIR SPREADING GROUNDS
HORSE TRAIL MODIFICATIONS (Cities of Irwindale and Duarte),
Supervisory Districts 1 and 5, Contractor: 4-Con Engineering, Inc.

Project Description:

Construction of a reinforced concrete channel, an 18" reinforced concrete pipe, wall gutter, an inlet structure, an outlet structure with grouted riprap invert, and a composite riding surface horse trail, and installation of chainlink fence and cable railings.

Change in Work:

Permit Fees and Liability Insurance	\$31,875.54
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Description of Change:

As stated in the contract specifications, it will be necessary to reimburse the contractor for the Caltrans Encroachment Permit fee, Southern California Regional Rail Authority (SCRRA) right-of-entry fee, and the cost of excess liability insurance as required by SCRRA. The cost for this item will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

No additional working days will be required because of this change.

Revised Contract Amount:

Original contract amount	\$344,534.50
Change in work to be authorized	<u>31,875.54</u>
Revised contract amount	<u>\$376,410.04</u>

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CHANGE IN WORK (AUTHORIZE)
September 28, 2004

PROJECT ID NO. FCC0000783, DOMINGUEZ GAP BARRIER PROJECT, PHASE 4A,
UNIT 7B, PART 2B (Cities of Carson, Long Beach, and Los Angeles),
Supervisory Districts 2 and 4, Contractor: Mladen Buntich Construction Co., Inc.

Project Description:

Construction of a water supply system, compressed air system, microfiltration treatment system, and an electrical system to service 34 injection wells currently under construction. The injection wells are an extension of the Dominguez Gap Barrier Project, which prevents the infiltration of seawater into groundwater aquifers.

Changes in Work:

(1) Modify Vaults	\$ 15,000.00
(2) Place AC Pavement	45,725.00
(3) System Integration	2,445.00
(4) Raise Manholes	4,329.00
(5) Additional Paving	5,077.00
(6) Repair Damaged Well	56,813.00
(7) Airline Adjustments	1,400.00
(8) Remove and Repair Flow Meter	2,973.79
(9) Power Usage	<u>1,723.56</u>
Total	<u>\$135,486.35</u>

Description of Changes:

(1) Your Board previously approved a change in work to change the size and location of the vaults that house the pressure release valves. The cost of this work will exceed the original estimate by the amount shown.

(2) In order to facilitate access to the injection well stations, it will be necessary to grade the existing road and place AC pavement. This work is not shown on the plans.

(3) Your Board previously approved a change in work to integrate the injection well redevelopment systems by performing additional programming. The cost of this work will exceed the original estimate by the amount shown.

(4) Your Board previously approved a change in work to raise the manholes on Spring Street to meet the revised grade. The cost of this work will exceed the original estimate by the amount shown.

(5) Your Board previously approved a change in work to pave the areas around the vaults within the Intermodal Container Transfer Facility. The cost of this work will exceed the original estimate by the amount shown.

(6) An existing recharge well was damaged and requires repair. It will be necessary to disassemble the well, install new down-hole piping, and reinstall portions of the well equipment. This work is not shown on the plans.

(7) Your Board previously approved a change in work to modify the airline connections at the microfiltration building. The cost of this work will exceed the original estimate by the amount shown.

(8) The flow meter at one of the wells was found to be broken. In order for the well to function properly, it will be necessary to remove and repair the flow meter.

(9) It will be necessary to reimburse the contractor for the cost of electricity incurred during testing new equipment at the Dominguez Yard and Intermodal Way.

The costs for Items 1 and 2 were negotiated as provided in Subsection 3-2 of the contract specifications. The costs for Items 3 through 9 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Five additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$11,845,221.00
Changes in work previously approved by the Board	1,599,205.81
Changes in work to be authorized	<u>135,486.35</u>
Revised contract amount	<u><u>\$13,579,913.16</u></u>

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CHANGE IN WORK (AUTHORIZE)
September 28, 2004

PROJECT ID NO. WRD0000008, BIG DALTON DAM AND RESERVOIR DEBRIS
REMOVAL (in the vicinity of Glendora), Supervisorial District 5,
Contractor: Clarke Contracting Corporation, Inc.

Project Description:

Removal of sediment within the reservoir.

Changes in Work:

(1) Additional Dewatering	\$ 450,000.00
(2) Double Handling of Wet Sediment	650,000.00
(3) Delete Excavation and Removal of Sediment	(930,000.00)
(4) Excavate and Remove Sediment	<u>755,000.00</u>
Total	<u>\$925,000.00</u>

Description of Changes:

(1 and 2) The sediment level in the reservoir is much higher than shown on the plans resulting in a higher than anticipated volume of saturated and difficult to handle material for the contractor to process. The contractor will be required to perform additional and more complex dewatering methods and double-handle the sediment to dry it prior to placing it in the fill area.

(3 and 4) To meet the intent of the plans and completely remove all sediment from the reservoir, an additional 100,000 tons of material will need to be removed. Your Board previously approved a change in work to remove this material on a time and materials basis. We have negotiated to have the contractor remove this material at the contract unit price.

The costs for Items 1, 2, and 4 were negotiated as provided in Subsection 3-2 of the contract specifications. The cost for Item 3 will be based on contract unit prices.

No additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$5,486,160.00
Changes in work previously approved by the Board	1,004,802.20
Changes in work to be authorized	<u>925,000.00</u>
Revised contract amount	<u><u>\$7,415,962.20</u></u>

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